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NO.:JD(AH)/PR- /2024-25 **Date: 05-04-2025**

CORRIGENDUM / ADDENDUM

TENDER NAME: Short Term Tender for the supplyof WALK-IN-COOLERS to Animal Husbandry BBMP for the year 2024-25 Tender Reference number: BBMP/2025-26/IND0130

Changes in Tender **Technical specifications**

Sl No	Tender Page No.	Tender Clause No.	Existing Specifications	Changed Specifications (Shall be read as)
1.	3	SECTION- I	**Section I** **Page No.3**	**Section I** **Page No.3**
	30	SECTION-V	**Parameters:** 1. Dimensions for cold storage required: 1.8m x 1.2m x 2.1m (height) 2. Temperature to be maintained: +2 to +8 Deg C 3. Number of door openings:5 to 6 times a day 4. Ambient temperature:40Deg C 5. Product entry temperature:25 Deg C 6. Pull down time required for product: 10 hours to attain +2 to +8 Deg C temperature 7. Cooling capacity of the unit required: 1.75 kW Unitary System (Monoblock unit). **Insulation specification:** The cold storage must be made with pre-engineered, prefabricated polyurethane foamed (PUF) panel for the walls, door and ceiling	**Parameters:** 1. Dimensions for cold storage required: 1.8m x 1.2m x 2.1m (height) 2. Temperature to be maintained: +2 to +8 Deg C 3. Number of door openings:5 to 6 times a day 4. Ambient temperature:40Deg C 5. Product entry temperature:25 Deg C 6. Pull down time required for product: 10 hours to attain +2 to +8 Deg C temperature 7. Cooling capacity of the unit required: 1.75 kW Unitary System **Insulation specification:** The cold storage must be made with pre-engineered, prefabricated polyurethane foamed (PUF) panel for the walls, door and ceiling
	33	SECTION -VI	**The Specifications are as follows:** 1. Density of PUF insulation: 40+2 kg/cu.m 2. Adhesive strength: 2.9 kg/cu.m 3. Dimensional variation: NA 4. Closed cell contact: 90-95% 5. Thermal conductivity :0.020-0-022 w/m centigrade 6. Water absorption: 1 w/v 7. Panel Thickness 60mm 9. Finish: Wall, door, ceiling and floor Inner skin: Stainless Steel (SS) Outer skin:Stainless Steel (SS)Flooring: Plain GI for bottom/ SS lamination on top side. 10. Door-type Hinged Locking arrangement to be provided 11. Joining of panels Cam lock Cam lock access part to be covered with Caps. The panel joining and door must be such that it is 100% leak proof. 12 Lighting: 40W tube with moisture proof enclosure X 1 nos. 13. Alarm: Should have alarm bell (Hooter) **Specification of refrigeration equipment:** • Condensing unit split Unit (O) Compressor type: Hermetically sealed Cooling capacity. 1.75 kW unitary refrigeration unit (Monoblock unit) (minimum) • The firm should give the make of the compressor and HP requirement • Condenser Type - DX type (air cooled)	**The Specifications are as follows:** 1. Density of PUF insulation: 40+2 kg/cu.m 2. Adhesive strength: 2.9 kg/cu.m 3. Dimensional variation: NA 4. Closed cell contact: 90-95% 5. Thermal conductivity :0.020-0-022 w/m centigrade 6. Water absorption: 1 w/v 7. Panel Thickness 60mm 8. Finish: Wall, door, ceiling and floor Inner skin: Stainless Steel (SS) Outer skin:Stainless Steel (SS) **Flooring: Plain GI for bottom/ SS lamination on top side. with 9mm marine plywood with Alluminium chequred plate.** 9. Door-type Hinged Locking arrangement to be provided 10. Joining of panels Cam lock Cam lock access part to be covered with Caps. The panel joining and door must be such that it is 100% leak proof. 11 Lighting: 40W tube with moisture proof enclosure X 1 nos. 12. Alarm: Should have alarm bell (Hooter) **Specification of refrigeration equipment:** • **Cooling capacity 1.75 KW Split refrigeration unit** • The firm should give the make of the compressor and HP requirement • Condenser Type - DX type (air cooled)

Sl No	Tender Page No.	Tender Clause No.	Existing Specifications	Changed Specifications (Shall be read as)
			• Fins/inch and row deep to be specified • The condenser should match with the above cooling capacity (d) Evaporator. Type: DX type Fins: -Aluminium, fins to be specified ,Blower of suitable HP e) Indoor unit: To match the above cooling capacity, SS body and frame with drain - 1 Nos. **Instrumentation** The unit should have the following: 1. Thermostat: Make of cut out and thermostat: Danfoss/Ranco 2. Should have provision for display of temperature from outside the unit 3. Proper electrical interlock in system must be provided, for safe operation such as overload protection over current protection, etc.	• Fins/inch and row deep to be specified • The condenser should match with the above cooling capacity (d) Evaporator. Type: DX type **Fins: -Aluminium with 6mm spacing for optimally maintaining airflow while minimising frost build up.** **Blower: Axial type with multi-fan configuration to ensure uniform air circulation across the chamber.** **Evaporator Body: Stainless Steel(SS)** e) Indoor unit: To match the above cooling capacity, SS body and frame with drain - 1 Nos. **Instrumentation** The unit should have the following: 1. Thermostat: Make of cut out and thermostat: Danfoss/Ranco 2. Should have provision for display of temperature from outside the unit 3. Proper electrical interlock in system must be provided, for safe operation such as overload protection over current protection, etc.

All other terms and conditions remain same as stipulated in the tender document.

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